

Cracklin' Static

October 2021 Edition



**ZoomVirtual
Meeting Sat Oct 2
8 AM
See pg 4....**

SNARS NET on DMR – Tuesdays 8pm
DMR Talk Group: 31328 SNARS

SNARS Treasury Closing Balances As of 9-19-21

Account	
Operating	\$10,738
Savings	\$16,883
Self Insurance	\$12,739
PayPal	\$1,510
Convention	\$4,212

Total \$46,082

Net Monthly \$4,732
Net YTD \$11,211

SNARS Renewals 16

SNARS Membership as of 9-19-21

Extra	162	36%
General	151	34%
Technician	118	26%
Advanced	16	4%
No License	0	0%
License Expired	2	0%
Total	469	

SNARS ARRL Members

Regular	226	50%
Life	40	9%

EDITOR'S NOTE: For this newsletter, due to an upcoming trip, Cracklin' Static had to be published earlier than normal, thus the earlier dates for bank info, membership data, etc.

PRESIDENT'S VOICE

President John Byerly, N7ROJ

Email: mtnlion@gmail.com



Hello members!

It was great to see everyone out at the September events! First the swapmeet, then Chameleon Antenna's open house. Both were well attended, and it seemed everyone enjoyed themselves.

Also this week was the Reno Air Races and I saw many volunteers working with ARES to ensure the races went well. It is my understanding that it takes

1200 volunteers to run the Air Races, and they had about 800 sign up.

I was approached by several of you at these events and heard some great suggestions for holding meetings. I am going to be asking our technical gurus to send out a survey to see interest in some other unique ideas for enabling us to get together in person.

Fall is coming, if you were outside this morning, you probably know what I mean. It's time to get those outdoor projects wrapped up for winter.

See you all on our zoom meeting!

73 John N7ROJ





PO BOX 7727 Reno NV 89510
 Yearly Dues: \$40.00 Individual • \$50.00 Family
 775.453.4142 <http://snars.org>

2020 Officers

President.....John Byerly, N7ROJ
 Vice-President.....John Miller N7JDM
 Treasurer.....Bill Jones, AE7OX
 Secretary.....Anthony Marcin, W7XM
 DirectorWes Vick, KG7QXE
 DirectorJim Shepherd, W6US
 DirectorBarry Bettman, K6ST

2020 Staff

Cracklin StaticHowie Holden, WB2AWQ
 W7TA TrusteePeter DeBay, KE7VSR
 KR7ENO Trustee.....Howie Holden, WB2AWQ
 Control OperatorPat Sheehan, W7DED
 Youth Involvement.....Barry Bettman K6ST
 NVQSO Coordinator.....Jim Shepherd, W6US
 HistorianJon Fox, KF7KTC
 Tech Team LeadPat Sheehan, W7DED
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 PIOGreg Krantz, NT7Q
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 Noon Net ManagerWes Vick, KG7QXE
 DMR Net ManagerAnthony Marcin, W7XM
 Reno Ham SwapVacant
 WebmasterErik Andreasen, K6CZH
 Club Sales Manager.....Julie Dodge, N7JWL
 Recording Secretary.....Doug Edmondo, W7DBE

Cracklin Static Publication

Editor: Howie Holden WB2AWQ - holden7471@msn.com

Cracklin' Static is the Newsletter of, and sponsored by the Sierra Nevada Amateur Radio Society. Published the week before meetings. Opinions expressed herein are those of the editors and contributors and should not be considered as official expressions of the Club Officers, Staff or Club Members, or as endorsements by same.

Material for publication may be edited to enhance readability or to save space. We reserve the right to use whatever font size, line spacing or other tools as may be required to publish this Newsletter. **Deadline for input to the newsletter is 1500 hours on the Sunday** prior to the 1st Saturday of each month.

SNARS Wide Area Linked System

147.030 + PL 123.0	Sparks, Fernley, Fallon	Online
147.210 + PL 100.0	Reno, Sparks	Online
147.150 + PL 123.0	Lake Tahoe, Truckee, Carson	Online
146.925 - PL 123.0	Lovelock, Fallon	Online
146.670 - PL 123.0	Winnemucca	Online
444.875 + PL 100.0	Yerington	Online
444.125 + PL 123.0	Reno Sparks	Offline

DMR Systems

444.925 + CC 1	Reno, Sparks	Online
444.825 + CC 1	Dayton, Fallon, Carson	Online
443.925 + CC 1	Lake Tahoe, Truckee, Carson	Online
443.950 + CC 1	Incline Village	Online
442.875 + CC 1	Sparks, Fernley, Fallon	Online
442.850 + CC 1	Downtown Reno	Online
441.950 + CC 1	Fallon, Fernley	Offline

Fusion Systems

146.610 - PL 123.0	Reno, Carson, Dayton	Online
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IRLP / EchoLink Systems

147.300 + PL 123.0	Reno, Sparks	Online
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Packet / APRS

145.050 - RNO	Reno, Carson, Dayton	Online
145.050 - ROSE	Lake Tahoe, Truckee, Carson	Online
144.390 - TOULON	Lovelock, Fallon	Online

Standalone Systems

147.390 + PL 100.0	Reno, Carson, Dayton	Online
443.075 + PL 123.0	Reno, Carson, Dayton	Online
927.0875 + PL 114.8	Reno, Carson, Dayton	Online

Online
 Offline
 Not Linked

Weekday on the SNARS Linked System

147.030 + PL 123 – Sparks/Fernley
 147.150 + PL123.0 – Lake Tahoe / Truckee
 147.210 + PL 100.0 - Reno
 444.875 + PL 100.0 - Yerington
 146.925 - 123.0 – Lovelock / Fallon
 146.67 – PL 123.0 - Winnemucca

Monday through Friday @ 12:00pm

Open to all amateur radio operators. A general informational net for the amateur radio community of Northern Nevada and Eastern California. Radio Checks and Questions are welcomed.

Nets on the SNARS Linked Systems

147.210 + 100.0 | 147.030 + 123.0 | 147.150 + 123.0
 147.670 – 123.0 | 146.925 – 123.0 | 444.875 + 100.0

ERC Net for NV and Northern CA	Monday @ 9:15pm
N. Western NV ARES Net	Thursday at 7:30pm
Northern Nevada Preppers Net	Wednesday @ 8:00PM
Hospital Net	Friday @ 10:00AM

Nets on IRLP (GSR) System

Repeater: 147.300 + 123.0

Amateur Radio Newslane	Monday - 8:00PM
Nevada Skywarn Net	Wednesday - 7:00pm
Nevada State ARES Net	Thursday - 7:00PM

Nets on Simplex/HF

Jefferson Noon Net	7.204 LSB	Daily - 12:00pm
6 Meter Net	50.350 USB	Tuesday – 8:00pm
2 Meter Weak Signal	144.250 USB	Wednesday - 8:00PM
2 Meter Simplex Net	146.500 FM	Thursday – 8:00PM
10 Meter Net	28.350 USB	Sunday – 2:00PM

SNARS Weekly DMR Net – Tuesdays
8:00PM

SNARS Talk Group 31328

Open to Members and Guests. A general information net each week on DMR.

SNARS CALENDAR

NV QSO Party, October 9 0300Z to October 10, 2100Z
 Coming to a band near you! For details see:

www.nvqso.com

SNARS Board Meeting Wednesday, October 13,
6:00PM Location and mode Chin Chin, Sparks, and Zoom

SNARS Amateur Radio Exams Saturday October 16
9:30 AM, 5190 Spectrum Blvd, reno NV. For details, see:
<https://snars.org/exams>

HAM RADIO NIGHT on Zoom October 18, 7:00 PM , see
<https://snars.org/hamradionight/>

Next months SNARS Breakfast Meeting - November 6,
Location and media mode tentative depending
on Board decision and local restrictions.

WELCOME NEW MEMBERS

AS OF 9-19-21

Richard	Palio	WU6W
Steve	Kontny	K7SJK
Bruce	Hahn	KJ6ZNI
Tomas	Walker	KJ7GTV
Henry	Schaupp	KK7AKO
Patrick	Wallace	KK7AKQ
Dennis	Walsh	KI7UQS
Ortus	Benschop	KK7AKL
Angella	Falco	KJ7TDC

SNARS Virtual Monthly Meeting

SNARS (virtual on zoom conferencing) Monthly Meeting on
Saturday 10-2-21 8:00AM PDT

TOPIC:

NVQSO
(Nevada QSO
Party) with
W6US Jim



TO REGISTER go to:

<https://us06web.zoom.us/meeting/register/tZltc--sqzMiH9Q8xnqNSRYivkGSNTUCXHlv>

Any questions, email Barry k6st@arrl.net

THE NAME OF THE GAME

Jim Shepherd, W6US nvjims@gmail.com

THE NEVADA QSO PARTY 2021

The Sierra Nevada Amateur Radio Society is proud to present the Nevada QSO Party which will be an annual event on the second full weekend in October. This year it will start at **2000 hours Nevada time (PDST) on Friday, October 8 (0300z 10/9/2021) and run until 1400 on Sunday, October 10 (2100z 10/10/2021)**

The objective of this contest is for Nevada stations to activate all 17 of the counties in Nevada and work the rest of the world. Nevada stations will work anyone, anywhere, and out of state stations will work Nevada Stations. All stations may be worked on the three different modes for up to three times on each HF band and only once on the VHF+ frequencies. Rovers in Nevada can be worked again when they change counties. The Exchange is simple, signal report (59 or 599) and your ARRL/RAC SECTION for those outside of Nevada and the signal report and the 5 letter county code for those inside of the state. Note that we are using SECTIONS not states—Logging 'CA' for a California station will be not be counted, you must use one of the 9 California Section identifiers like SV, LAX, etc. A complete list of the boundaries of all the ARRL sections is at:

<http://www.arrl.org/section-boundaries> and I suggest downloading and printing a copy for reference.

The state of Nevada is one of the rarest U.S. States on the air. If you are out of state be sure to work Nevada in the upcoming Nevada QSO Party; it will be helpful to you when going for ARRL WAS (Worked All States award) and other awards like grid zones and counties. Nevada stations can work the world as well as the other operators in Nevada. Nevada stations will have the best results on trying to work other Nevada stations by using 80 and 40 meters with NVIS antennas or using the VHF bands. This also works for stations near our borders.

The VHF+ band will consist of all legal frequencies from 50 MHz up to 1300 MHz. In order to bring a lot of new hams into contesting, we are allowing the use of repeaters on these frequencies. There are linked systems which will allow out of state contacts. All modes will be allowed. You can work a VHF/UHF/SHF station only once. If you do work stations using moon-bounce or meteor scatter, please make a note of that in your soapbox comments.

On the HF side, Phone, CW, and Digital modes will add multipliers to the QSO points. All conversational digital text modes are allowed with all counting the same. While most of the activity will be on SSB, there is a definite need for CW and Digital operations in all of the counties. We are allowing the use of FT8 and FT4—Please read and understand the section on WSJT-X modes in the rules.

Working the contest from home is perfectly acceptable and highly encouraged! However, getting out in the field in one or more of the rural counties can be highly rewarding! Most rural counties are very wanted by the "County Hunters", and if you put a good signal on the air, you will get lots of contacts. Especially wanted are CW and Digital contacts. Parking on or within 500' of a county line will allow you to give out 2 contacts at once, and there are a number of places where 3 counties come together for 3 contacts at once. Rover operations where you drive from county to county are also a good way to go. I will be running a rover operation starting Friday night on the Pershing/Humboldt line, then spending most of Saturday on the Lander/Eureka line, and ending up Sunday on the Elko/White Pine line.

Logging software from N1MM will have the ability to work on this contest. For those that are using paper and pencil or some other logging method that does not produce a Cabrillo file, we also have the WA7BNM Cabrillo log maker which will allow you to build a Cabrillo file. This year, paper logs will not be allowed.

We also have a sign-up form to allow stations to sign up for the counties which they will activate. We are going to try and get operators out in all counties and have all modes covered. Please use this form if you are going to be operating in Nevada. The more stations we have in each county, the better it will be for everyone. Countyline and Rover operations will be sitting on 2 or more different counties at the same time and will count for multiple contacts.

The Nevada QSO Party website is: <http://nvqso.com/> Complete rules are listed under the "Rules" tab and please read the FAQs for additional information. There are links on the website to the Cabrillo Log Maker, and the ARRL/RAC section abbreviations are available at: <http://www.arrl.org/section-boundaries>

Information is subject to change on the website so be sure to check back regularly. Please visit this site often and pass the word onto your friends! There is also a video explaining this contest and how to set up WSJT-X and N1MM+ at: <https://www.youtube.com/watch?v=eLAmEr7S6eA> It was made last year, but it is still helpful for this year's contest.

We are looking forward to your participation in this contest! The NVQSO does count toward the State QSO Party Challenge!

For further information on the contest, contact Jim Shepherd at W6US@SNARS.ORG



MIKE'S MISSIVES CHAPTER SIXTY ONE

Mike Katz, N7MSK

FCC Part 97 §97.5 Station license required. (types of licenses)

(b) The types of station license grants are:

(1) An operator/primary station license grant. One, but only one, operator/primary station license grant may be held by any one person. The primary station license is granted together with the amateur operator license. Except for a representative of a foreign government, any person who qualifies by examination is eligible to apply for an operator/primary station license grant.

(2) A club station license grant. A club station license grant may be held only by the person who is the license trustee designated by an officer of the club. The trustee must be a person who holds an operator/primary station license grant. The club must be composed of at least four persons and must have a name, a document of organization, management, and a primary purpose devoted to amateur service activities consistent with this part.

(3) A military recreation station license grant. A military recreation station license grant may be held only by the person who is the license custodian designated by the official in charge of the United States military recreational premises where the station is situated. The person must not be a representative of a foreign government. The person need not hold an amateur operator license grant.

SHORT TAKES (By Jim Shepherd W6US)

CONTEST CALENDAR

The State QSO Party season continues on in October with the California QSO party on the 2nd and 3rd. The following weekend is our biggest contest of the year, the NEVADA QSO PARTY! There is a full article on that contest earlier in this newsletter. That same weekend, Pennsylvania, Arizona and South Dakota also have their parties. The last two state parties, the New York and Illinois parties will be held the 16-18th. The CQ World Wide SSB DX contest is the last weekend and a good time to work on getting your DXCC or adding more countries to your log. These and other contests information can be found at:

<https://www.contestcalendar.com/contestcal.html>

DX

There are some operations starting to pick up. Surinam, Svalbard, eSwatini, Gambia, and St Eustatius are some of the featured DX operations. The CQ WW SSB contest will bring out a lot of countries on Phone and will provide good opportunities to add some countries to your log. More information can be found at:

<https://www.ng3k.com/Misc/adxo.html>

THIRD MONDAY ZOOM HAM RADIO NIGHT

We will have our popular Ham Radio Nights via ZOOM to get your questions answered. It will be held at 7pm on Monday, October 18th. More information, including the link will be published before that date.

NAME THAT RIG?

(Answer on page 10)



YOUTH INVOLVEMENT

JAMBOREE ON THE AIR (SCOUTING)

October 16 , 2021 10a - 2p two locations: Reno & Dog Valley

SNARS helps scouts get on the air:



Each year more than a million Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). JOTA-JOTI is the world's largest digital event taking place online and over the air. The educational event brings together more than 2.5 million youth from around the world every year

in October for a weekend of Scouting and friendship.

Our event will be at a combination two locations :

(1) St. Albert the Great Catholic Church - 1250 Wyoming Ave, Northwest Reno. Corner of Kings Row and Wyoming Ave, across from Clayton Middle School

(2) at the Boy Scouts - Camporall in Dog Valley :

<http://www.nevadabsa.org/event/2808617>

The event will run Saturday October 16, 2021 from 10 am to 2 pm. We plan to start setting up at 9:00 am and have tear-down from 2:00 to 3:00 pm.

SNARS is looking to provide 4 or 5 different types of Radio stations to communicate with youths regionally, nationally, and possibly make international contact. We invite you to help, just fill out this interest form:

REGISTER HERE:

<https://docs.google.com/forms/d/e/1FAIpQLSdz02NrSj0us8zZAPFoeTJftNMg0FrAgftGEizx1c5Hfaxng/viewform>

Thank you for volunteering to help. Barry Bettman, K6ST
ARRL Nevada Section Youth Coordinator, k6st@arrrl.net





CUB FUN DAY
2021



Saturday, October 23
NAC Scout Office
500 Double Eagle Court
Reno





For more information
Nevadabsa.org

The Reno Scout Council is hosting a Cub scout Fun Day event at the Boy Scouts of America-Nevada Area Council (offices) 500 Double Eagle Ct, Reno, NV 89521.

The event will run Saturday October 23, 2021 from 9 am to 2 pm. We plan to start setting up at 8:00 am and have tear-down up from 2:00 to 3:00 pm.

We are looking to provide 3 or 4 different types of Radio stations to communicate with youths regionally, nationally, and possibly make international contact.



Please fill out this form if you would like to volunteer.

<https://docs.google.com/forms/d/e/1FAIpQLSf7yDPYAxwuuARIAT6Gh-WgMpkDXcfRQRTKZNuZbZUg8ISEhw/viewform>

Thank you for volunteering to help.

Barry Bettman, K6ST - ARRL Nevada Section Youth Coordinator
k6st@arrrl.net

W7SSB's FUN STUFF

With a tiny bit of
help from WB2AWQ

RENO HAM SWAP SEPT 4.....



CHAMELEON ANTENNA OPEN HOUSE SEPT 11.....





Date: September 14, 2021

Sierra Nevada Amateur Radio Society
P.O. Box 7727
Reno, Nevada 89510-7727

Dear John Beyerly:

Please accept our sincere thanks for the excellent support provided by your organization in helping our recent and first open house at our new location in Sparks.

Your efforts contributed substantially to the quality of the event. The success of this event was due, in no small part, to the support provided by you and your members.

Thank you for your gracious support and professionalism.

Sincerely,

A handwritten signature in black ink, appearing to read "Carl Lavoie", written in a cursive style.

Carl Lavoie
President

CHAMELEON ANTENNA
155 Glendale Ave, Suite 17-B, Sparks, NV, 89431
SUPPORT@CHAMELEONANTENNA.COM

FUN STUFF FOR OCTOBER

October has seven state QSO parties, including four on October 9 including ours! Should be a crazy day. Here are the state QSO parties plus some other interesting ones. Ours, plus the ARRL and NCJ sponsored ones are in bold....

2 Oct 0600 to 3 Oct 0600 1.8-28 Oceania DX Contest, Phone
www.oceaniadxcontest.com

2 Oct 1600 to 3 Oct 2200 1.8-28 California QSO Party CW Ph
www.cqp.org/Rules.html

2 Oct 1800 to 3 Oct 1800 All SKCC QSO Party CW
www.skccgroup.com

9 Oct 0300 to 10 Oct 2100 1.8-UHF Nevada QSO Party CW Ph Dig
www.nvqso.com/contest-rules

9 Oct 0600 to 10 Oct 0600 1.8-28 Oceania DX Contest, CW
www.oceaniadxcontest.com

9 Oct 1500 to 10 Oct 0500 1.8-144 Arizona QSO Party CW Ph Dig
www.azqp.org

9 Oct 1600 to 10 Oct 2200 1.8-UHF Pennsylvania QSO Party CW Ph
www.paqso.org

9 Oct 1800 to 10 Oct 1800 1.8-144 South Dakota QSO Party CW Ph Dig
www.sdqso.party.com

16 Oct 1400 to 17 Oct 0200 All New York QSO Party CW Ph Dig
www.nyqp.org

17 Oct 1700 to 18 Oct 0100 1.8-144 Illinois QSO Party Ph
www.w9awe.org/ilqp

18 Oct 1300 to 22 Oct 2359 All ARRL School Club Roundup CW Ph
www.arrl.org/school-club-roundup

23 Oct 0000 to 24 Oct 2359 2.3 GHz and up ARRL EME Contest CW Ph Dig
www.arrl.org/eme-contest

23 Oct 1500 to 24 Oct 1500 1.8 Stew Perry Topband Challenge CW
www.kkn.net/stew

24 Oct 1400 to 27 Oct 0800 1.8-144 Classic Exchange, CW
www.classicexchange.org

30 Oct 0000 to 31 Oct 2359 1.8-28 CQ Worldwide DX Contest, SSB Ph
www.cqww.com

Check out the rest here: www.arrl.org/files/file/Contest%20Corral/2021/October%202021%20Corral.pdf

If you're not into contests, there's always DX to chase! The list is slowly but steadily growing as more people can travel, so check back often. I've listed the more interesting ones here.

Sep 17 to Oct 01	Conway Reef	3D2CR
Sep 18 to Oct 02	Comoros	D6
Sep 25 to Nov 20	Tanzania	5H3MB
Sep 29 to Oct 13	Maldives	8Q7CQ

Oct 02 to Oct 16	Sao Tome & Principe	S9OK
Oct 13 to Oct 26	Guinea Bissau	J5T
Oct 21 to Nov 08	eSwatini	3DA0RU
Oct 24 to Nov 19	Gambia	C5C

Check <https://www.ng3k.com/Misc/adxo.html> for updates on DXpeditions to make sure they're still a go!

RENO QRP SLOW SPEED CW NET

NEXT NET SESSIONS WILL BE September 29th and October 6th at 10AM PDT. Target frequency 7.045 MHz, if busy search somewhere near that frequency.

THE FOLLOWING SHOULD ALWAYS BE IN YOUR REPORT
NAME, RST, LOCATION, RIG, POWER, ANTENNA.
REMEMBER TO INCLUDE RST IN YOUR REPORT

Feel free to add something else in your exchange.

Take some time to report RST for other OP's or anything else that comes to mind.

Sharing information about you and your equipment will accomplish two things.

First It gives you and everybody else practice sending and copying.
Second It is nice to spend time on the air with your friends. Consider this a QRP meeting on the air.

Relax and have some airtime fun with your friends.
73/72 Ed/WD7Y

NAME THAT RIG (from page 6)

In **World War 2**, one of the most-used radios on a variety of Navy craft was the **TCS Transmitter and Receiver**. They were used on PT boats, landing craft, shipyard craft, LSTs and variants, land vehicles, even the occasional submarine, and as emergency radios on smaller destroyers etc. The **TCS** pair was an ultra-reliable setup built like the proverbial battleship, available with a variety of power supplies including dynamotors (where the motor and generator were wound on the same armature stack), motor-generators (separate motors and generators) and "normal" AC operated DC supplies. The dynamotor versions were available only with 12VDC as the driving source, while the motor-generators were available with 24, 32, 115 and 230VDC or 115VAC as the driving source. The AC operated supply was available with 115 or 230 VAC as the driving source. The power supply offerings meant that the TCS could be used almost anywhere in any environment. The **TCS** pair covered 1.5 to 12 Mc in three bands, offering either crystal control or VFO, AM and CW, 40W out minimum on CW, 20W out on AM. Like all military units, the **TCS** transmitter was very conservatively rated. With a similar tube lineup and voltages applied, any Amateur rated radio would have put out about double what the **TCS** put out. The mating receiver was a single conversion superhet radio with an RF stage and two IF stages, and ample audio to drive a loudspeaker. The pair worked in transceiver mode with independent frequency control, via a fairly loud relay which handled all the switching. All **TCS** units used the same tube lineup, with differences in model series numbers (2 through 15) being in connectors for power, different power supplies, and improvements in components and operation, most very minor. Many units were updated to later versions, and it's tough to tell which number a particular pair started out as. Because so many were built, the **TCS** was extremely popular in the surplus market after the war, and many survive to this day, some in daily use.

ARES NEWS

EVENTS CALENDAR

EVENT 2021	DATE	DATE END	SPONSOR/ORGANIZER	COORDINATOR	CONTACT
Grinduro SBTS			Plumas ARC	Larry Trotter KI6YUK	dltrotter@sbcglobal.net
Nevada Day Parade	10/30/21		NV AREA NW DEC	John Abrott KD7NHC	jabrott77@gmail.com , cell 775 790-1739
Sparks Turkey Trot	11/25/21		WC-ARES	Bob Miller WA6MTY	wa6mty@gbis.com

NOTE: Plumas ARC always have a need for operators. Go over to some beautiful country and help out the Plumas Amateur Radio Club

THE SPARKS THANKSGIVING TURKEY TROT IS **ON** THIS YEAR.

THEIR MISSION:

Add a twist to your Thanksgiving tradition by participating in the Scheels Turkey Trot run/walk event. It's a great way to get some exercise while giving back to the community. Whether you're an avid runner coming out for the 10K or simply looking to take a 2-mile untimed walk or run around the Sparks Marina, the Scheels Turkey Trot is also a fun kick off to the holiday season.

The Thanksgiving Day event starts at 8:30 a.m. in the parking lot of Scheels. Participants can choose to do either the 10K run or the two-mile untimed walk or run around the Sparks Marina. The 10K, which equates to a little more than six miles, uses city streets, as well as the local bike path.

OUR MISSION:

To provide clear, concise communications between Water Station Captains and Event Coordinators. To expedite emergency communications between Water stations, Event Coordinators, Net Control and Emergency Responders. To ensure a safe and enjoyable event and to support the awareness and growth of Amateur Radio in the community. Let me know if you want to help out.

Bob Miller WA6MTY
Emergency Coordinator for Washoe County
Amateur Radio Emergency Service
775 843-5952

HAM RADIO NIGHT

3rd Monday of each month at 7PM PT on
Zoom

Join together and Elmer each other for Ham
Radio Night on **October 18, 2021, 8PM**

The topic smaller breakout groups will be:

Homebrewing
Analog VHF/UHF
DMR/Fusion
HF Digital Modes

Each participant can move themselves
around to different breakout topics in zoom
conferencing to enjoy.

If you have any questions or would like to
be of service as an Elmer,
please contact K6ST Barry k6st@arrl.net



Feel free to register below for our next Ham Radio Tech Night, SNARS (virtual on Zoom conferencing) September 20, 2021 7:00PM PDT

<https://us06web.zoom.us/meeting/register/tZl0cu2trjkiHNde82OBDcuq0kyhJUs40JY>

MINES ON THE AIR

Greg Moore KG7D



Greetings Gang,

So did you guys see this? It was in the ARRL Letter for August 12, 2021.

<http://www.arrl.org/arrlletter?issue=2021-08-12#toc08>

Just happens there's a few mines (**ya think?...ed**) in Northern Nevada. Some even have buildings or structures that would be great weather protection.

<https://minesontheair.com/activation-requirements>

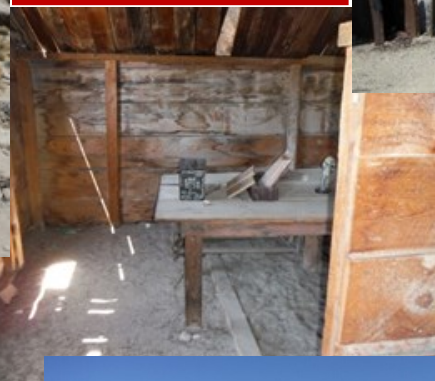


Nevada has 1.24 million records of mining claims on public land managed by BLM, and 11,885 records of mines listed by the USGS. <https://thediggings.com/usa/nevada>

Photos and copy courtesy of Greg Moore - KG7D

<https://www.qrz.com/db/kg7d>

(Editor's Note: STAY OUT OF THE MINES and BUILDINGS!!! EXTREME DANGER LURKS! Read the activation requirements!)





Board of Directors Meeting Minutes

September 8, 2021 - 6:00PM

At Chin Chin plus Zoom

1. Call to order and roll call at 6:00 PM

Board of Directors:

Anthony Marcin, W7XM	P	Barry Bettman, K6ST	P	John Miller, N7JDM	P
Bill Jones, AE7OX	P	John Byerly, N7ROJ	P	Wes Vick, KG7QXE	P
Jim Shepherd, W6US	P	Doug Edmondo, W7DBE	P		

2. Approval of Minutes - Discussion/Action

The August 2021 meeting minutes were approved

3. Approval of Agenda - Discussion/Action

The agenda was approved

4. Reports

A. President's Report – Impressed with the Ham Swap turnout. Noted that the club received a substantial donation to purchase two repeaters for the repeater upgrade project.

B. Secretary Report – 459 current members. Did order the new membership kits with original logo design. Will be sending call for nominations soon for the upcoming board elections.

C. Treasurer – August 2021 End of Month, Operating: \$10,816, Savings: \$11,883, Self Insurance: \$12,039, Paypal: \$2,400, Convention: \$4,212. Net Monthly \$2,017, net YTD: \$6,778. Memberships 35, Donations year to date \$1,265 (Amazon \$177, Members \$1,018, Paypal \$70)

The club netted \$439.33 from the ham swap after expenses.

D. Technical Team – Pat

Repeater Upgrade – made a decision on replacement of two VHF machines (The 030 and 210 machines). Noted that Sierra will tune and program and machines for us. Dave Metz and John B. Discussed a new antenna installation and Dave will provide a new antenna for us!!

E. Control Operators / Trustee

No report

F. Events

1. NVQSO is the 2nd weekend of October. Jim is making final website and advertising push. Jim plans on being a rover this year for the contest.
2. Barry indicated that Jim will speak at October's meeting and he is going to procure a plaque tag for the plaque we have at Cabellas thanking them for their assistance.

G. Education & Youth Activities

JOTA – no report. Barry did mention that some of the scout leaders were at the Ham Swap and he was able to assist with questions.

H. Noon Net - Noon Net Manager Still need two more net control operators.

5. Old Business

Ham Swap Outbrief – See notes above

6. New Business

John thanked Tony for getting the new members site up and running.

7. Board member and Public Comments

- A. Barry – in CA on business, feels we will be on zoom for the foreseeable future.
- B. WES – if the weather holds maybe we consider another Ham Swap. He received lots of good feedback on the event.
- C. John Miller – Happy with the turnout – looking forward to the next one. Also looking forward to the open house on Saturday the 11th.
- D. Tony – nothing further
- E. Bill – nothing further
- F. Jim – NV QSO Party!
- G. John B – Impressed with the Ham swap – lots of positive feedback.
- H. Doug – Enjoyed the Ham Swap. Mentioned that with SCORE we did a hybrid meeting (In person and Zoom), works well for those who can't travel or can't meet in person.

8. Adjournment - Action

- A. Next Meeting: October 13th, 2021. Location Chin Chin plus Zoom
- B. Call For Adjournment.